

**WHAT IS CLAIMED IS:**

1. A surgical claw-cutting tool with two shearing blades (5, 6) which can be moved toward one another in the manner of scissors or clippers by means of two handles (1, 2) and form a round or curved cutting opening (15), characterized in that a transilluminator (8) with lighting means is, firmly connected to a component of the claw-cutting tool, arranged below the cutting opening (15) in such a way that the light cone (19, 20) of the lighting means of the transilluminator (8) is directed toward the cutting opening (15).

2. The claw-cutting tool as claimed in claim 1, characterized in that the transilluminator (8) is arranged on the lower shearing blade (6).

3. The claw-cutting tool as claimed in claim 1 and 2, characterized in that light guides are provided for bringing the light (19, 20) of the transilluminator (8) to the cutting opening (15).

4. The claw-cutting tool as claimed in claim 1 and 2, characterized in that the transilluminator (8) is made from a transparent material into which the lighting means are embedded.

5. The claw-cutting tool as claimed in the preceding claims, characterized in that the lighting means are light-emitting diodes.

6. The claw-cutting tool as claimed in the preceding claims, characterized in that the lighting means are connected by means of a power line (14) via an on/off switch (11) to a battery compartment (10) which is

preferably arranged in a handle (1 or 2) of the claw-cutting tool.

7. The claw-cutting tool as claimed in the preceding claims, characterized in that different illumination intensities can be set for the lighting means.

8. The claw-cutting tool as claimed in the preceding claims, characterized in that the transilluminator (8) is assigned a sensor (9) which detects the spectral wavelength of the red blood cells (18) and/or measures the absorption of the light (19, 20).

9. The claw-cutting tool as claimed in the preceding claims, characterized in that a securing device (13) which fixes the claw (17) before the cutting operation is arranged on the claw-cutting tool, preferably in the region of the shearing blades (5, 6).

10. The claw-cutting tool as claimed in the preceding claims, characterized in that a claw ejection opening (16) is provided in the lower leg (4) of the claw-cutting tool.